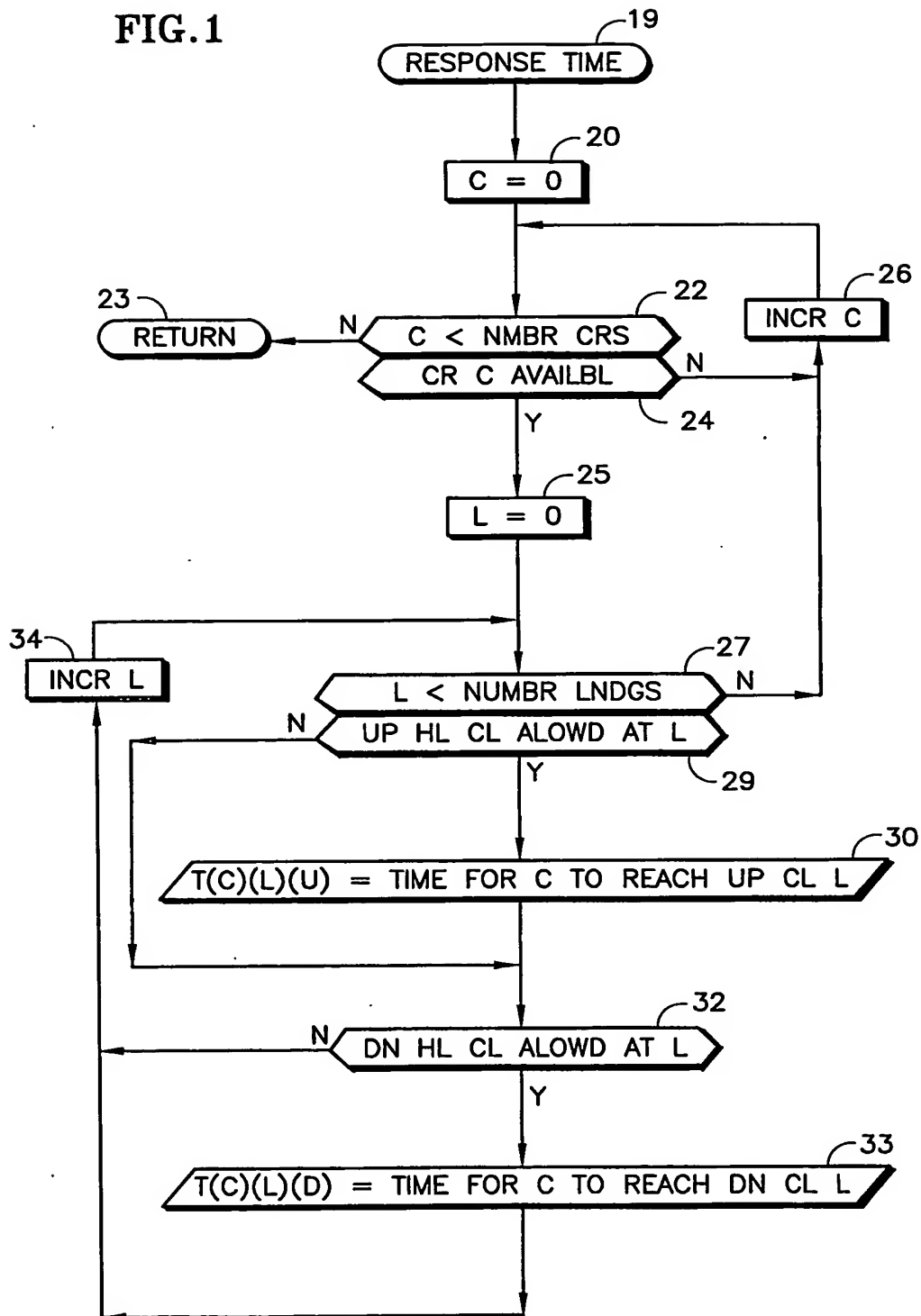


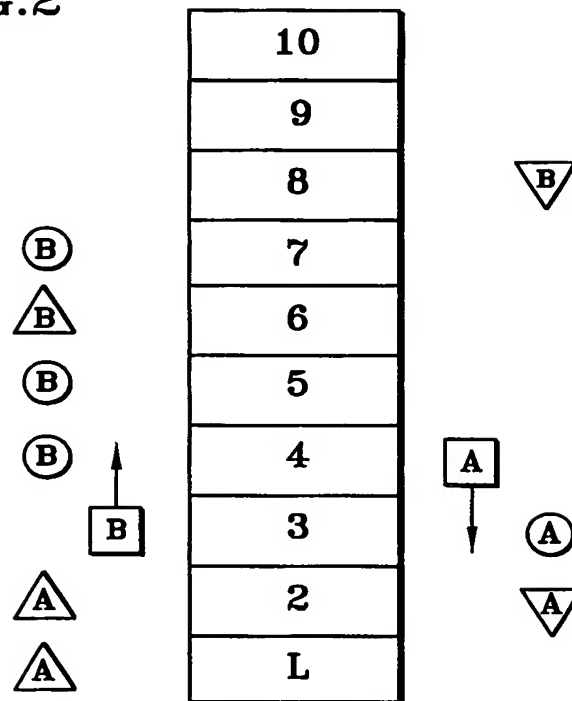
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FIG. 1



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FIG.2



ELEVATOR



NO CALL, CAR MUST PASS



UP CALL, ASSIGNED



DN CALL, ASSIGNED

(NO DEMAND ABOVE L = 8)

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FIG.3 CAR A

LOCATION	EXISTING DEMAND	TIME AT FLOOR	CUMULATIVE TIME
4 DN	NONE	0(CAR AT FLOOR)	0
3 DN	CC	1 SEC.+10 SEC.	11 SEC.
2 DN	CC,HC	1 SEC.+11 SEC.	23 SEC.
LOBBY	HC	1 SEC.+11 SEC.	35 SEC.
2 UP	HC	1 SEC.+11 SEC.	47 SEC.
3 UP	NONE	1 SEC.	48 SEC.
4 UP	NONE	1 SEC.	49 SEC.
5 UP	NONE	1 SEC.	50 SEC.
6 UP	NONE	1 SEC.	51 SEC.
7 UP	NONE	1 SEC.	52 SEC.
8 UP	NONE	1 SEC.	53 SEC.
9 UP	NONE	1 SEC.	54 SEC.
10 DN	NONE	1 SEC.	55 SEC.
9 DN	NONE	1 SEC.	56 SEC.
8 DN	NONE	1 SEC.	57 SEC.
7 DN	NONE	1 SEC.	58 SEC.
6 DN	NONE	1 SEC.	59 SEC.
5 DN	NONE	1 SEC.	60 SEC.

FIG.4 CAR B

LOCATION	EXISTING DEMAND	TIME AT FLOOR	CUMULATIVE TIME
3 UP	NONE	0(CAR AT FLOOR)	0
4 UP	CC	1 SEC.+10 SEC.	11 SEC.
5 UP	CC	1 SEC.+10 SEC.	22 SEC.
6 UP	HC	1 SEC.+11 SEC.	34 SEC.
7 UP	CC	1 SEC.+10 SEC.	45 SEC.
8 UP	NONE	1 SEC.	46 SEC.
9 UP	NONE	1 SEC.	47 SEC.
10 DN	NONE	1 SEC.	48 SEC.
9 DN	NONE	1 SEC.	49 SEC.
8 DN	HC	1 SEC.+11 SEC.	61 SEC.
7 DN	NONE	1 SEC.	62 SEC.
6 DN	NONE	1 SEC.	63 SEC.
5 DN	NONE	1 SEC.	64 SEC.
4 DN	NONE	1 SEC.	65 SEC.
3 DN	NONE	1 SEC.	66 SEC.
2 DN	NONE	1 SEC.	67 SEC.
LOBBY	NONE	1 SEC.	68 SEC.
2 UP	NONE	1 SEC.	69 SEC.

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FIG.5

LOCATION	CAR A	CAR B	MINIMUM	CATEGORY
LOBY	35	68	35	2
2 UP	47	69	47	3
3 UP	48	0	0	1
4 UP	49	11	11	1
5 UP	50	22	22	1
6 UP	51	34	34	2
7 UP	52	45	45	3
8 UP	53	46	46	3
9 UP	54	47	47	3
10 DN	55	48	48	3
9 DN	56	49	49	3
8 DN	57	61	57	3
7 DN	58	62	58	3
6 DN	59	63	59	3
5 DN	60	64	60	4
4 DN	0	65	0	1
3 DN	11	66	11	1
2 DN	23	67	23	1

FIG.6

←	CATEGORY	COUNT
1	0-29 SECONDS	6
2	30-44 SECONDS	2
3	45-59 SECONDS	9
4	60-89 SECONDS	1
5	OVER 90 SECONDS	0

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FIG.7

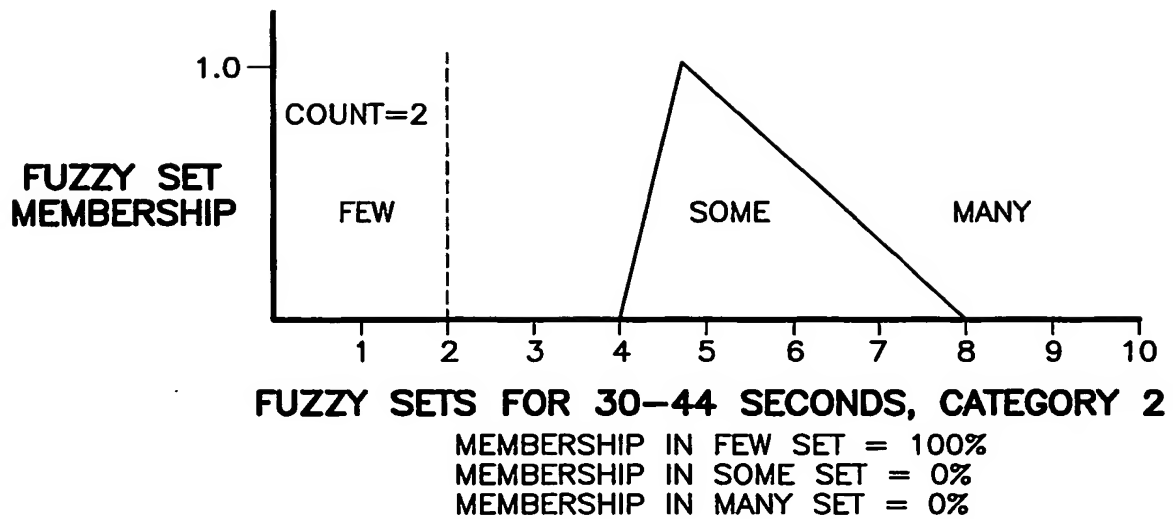
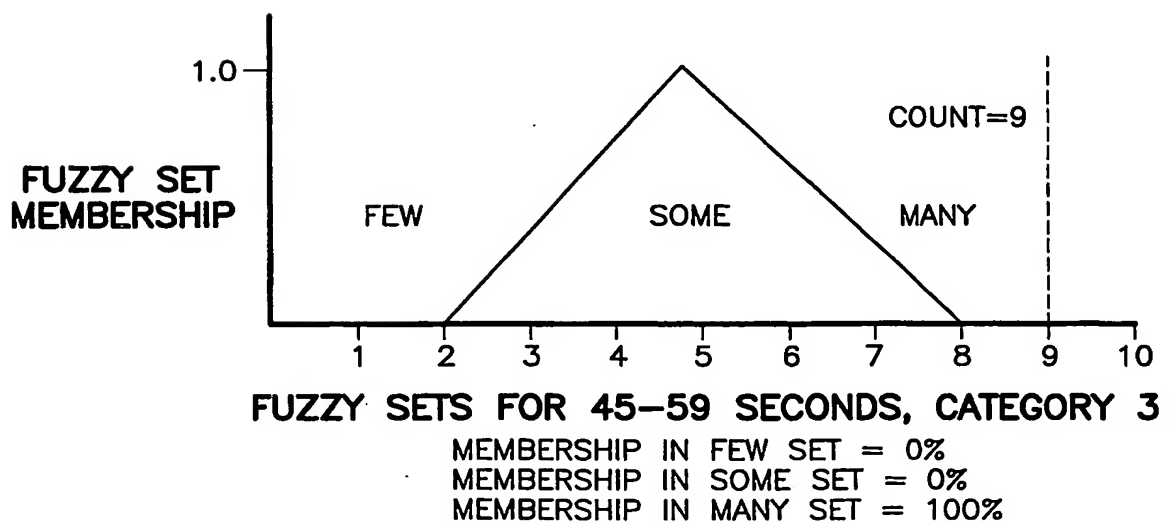


FIG.8



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FIG.9

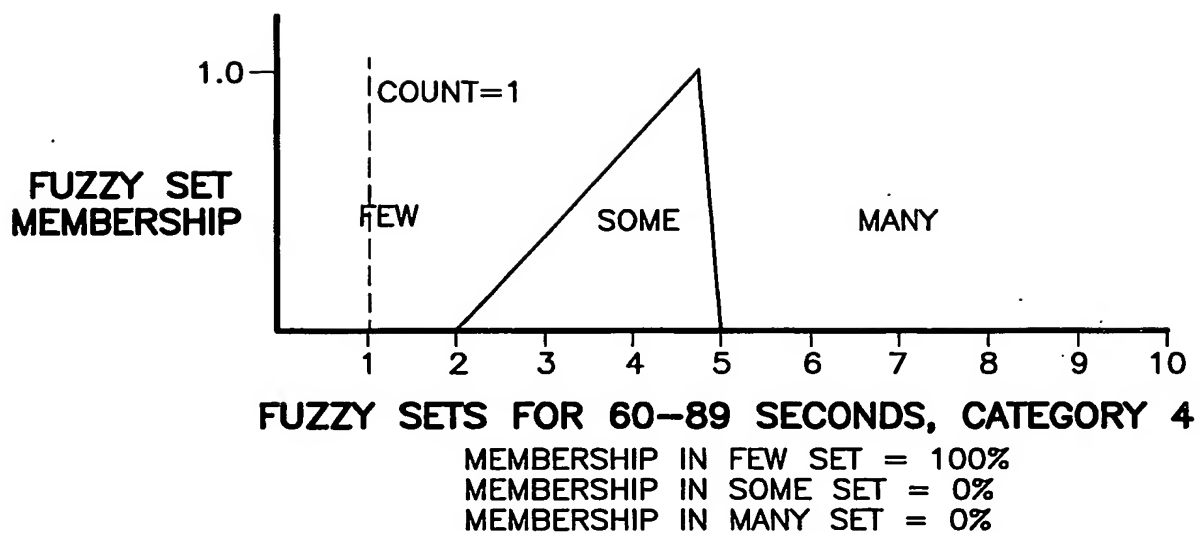
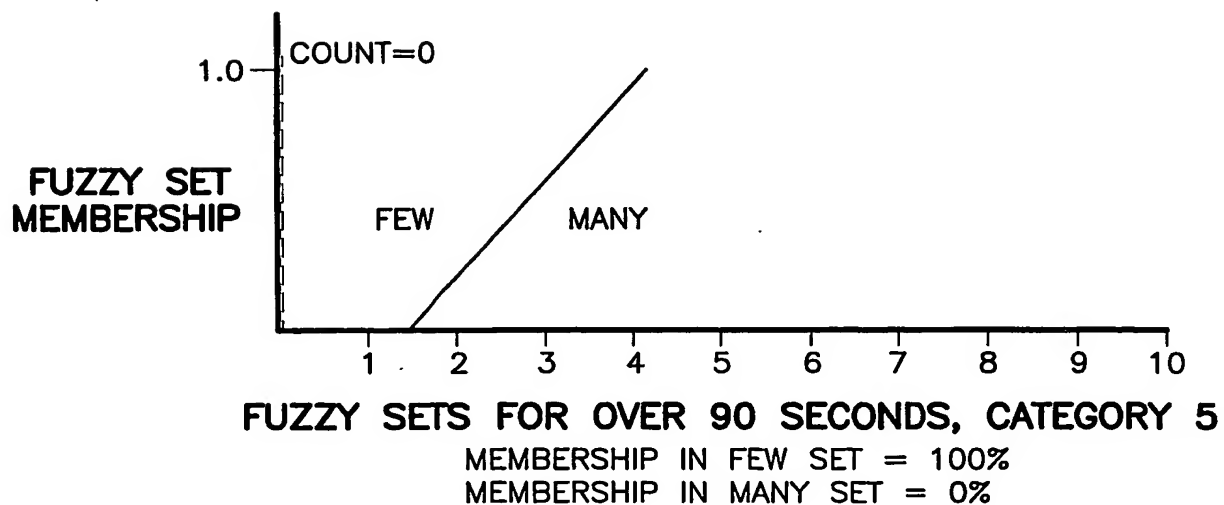


FIG.10



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FIG. 11

CATEGORY 2: 30-44 SECONDS (FEW)

CATEGORY 3
(MANY) 45-59 SECONDS

	FEW	SOME	MANY
FEW	<div> <div>.3</div> <div>.1</div> <div>.8</div> </div>	<div> <div>.3</div> <div>.2</div> <div>.8</div> </div>	<div> <div>.35</div> <div>.25</div> <div>.8</div> </div>
SOME	<div> <div>.8</div> <div>.15</div> <div>.85</div> </div>	<div> <div>.8</div> <div>.25</div> <div>.85</div> </div>	<div> <div>.8</div> <div>.3</div> <div>.85</div> </div>
MANY	<div> <div>.5</div> <div>.3</div> <div>.9</div> </div>	<div> <div>.6</div> <div>.4</div> <div>.9</div> </div>	<div> <div>.7</div> <div>.5</div> <div>.9</div> </div>

KEY:

CATEGORY 5
(FEW)
OVER 90 FEW

OVER 90 MANY

CATEGORY 4 (FEW)
60-89 SECONDS

